—			<u> </u>									
	PATENT	ORI				mber						
Effective October 1, 2003 /0つ89つ1ン												
CLAIMS AS FILED - PART I SMALL ENTITY OTHER TO												R THAN
7	OTAL CLAIM	LAIMS 112							SMALL	ENTITY		
FOR .			NUMBER FILED				4.	—		 -	RATE	FEE
TOTAL CHARGEABLE CLAIMS						NUMBER EXTRA		BASIC F	EE 385.0	익ᅊ	BASIC FE	770.00
			110"	1)2 minus 20-		92		X\$ 92		OR	X\$18=	1656
INDEPENDENT CLAIMS MULTIPLE DEPENDENT CLAIM F				minus 3 =	1	7. X43				OR	X86=	602
Htt	· ·	ENDENT COMM	PRESENT					+145=		OR	+290=	
•1	f the difference	ce in column 1 i	s less than	zero, enter	~0~ in	column 2		TOTAL	+	OR	ــــــــــــــــــــــــــــــــــــــ	304
+	Hills	CLAIMS AS		D - PAR	T fi				<u> </u>		OTHER	<u> </u>
1	2.16.04	(Column 1)		(Column 2) (Column 3)				SMALI	ENTITY	OR	SMALL	ENTITY
MENDIMENT A	/	REMAINING AFTER AMENDMENT	NUMBE PREVIOU	ER	PRESENT EXTRA		RATE	ADDI- TIONAL FEE	8	RATE	ADDI- TIONAL FEE	
	Total	· 123	Minus	- //	2	=		X\$ 9=		OR	X\$\foralle{\partial}{p}=	550
AME		. 10	Minus	/	0	E		·X43≈		1	XB6=	200
_	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM									OR		
/	22,36	143,561	62,80,	62,80,87,98,100,				.+145=	<u> </u>	OR	+290=	· ·
V	8 DS (Column 1) (Column 2) (Column 3)								OR	ADDIT. FEE	330 0	
AMENDMENT B		CLAIMS REMAINING		HIGHE	ST		Г		ADDI-	7 1	·	ADDI-
		AFTER AMENDMENT		PREVIOU	JSLY	PRESENT EXTRA		RATE	TIONAL		RATE	TIONAL
	Total	. 132	Minus	- 12	3	- 9		X\$ 9=	FEE		X\$18=	4500
	Independent	• 11	Minus	/()	· j.	ŀ		·	OR		2000
FIRST PRESENTATION OF MULTIPLE DEPENDENT. CLAIM X43= OR XE											X86=	
		LHY LHIT						+145=		OR		300,00
	•	•					· A	TOTAL DDIT. FEE	<u> </u>	OR	DOTAL DOT. FEE	
Ţ	· -	(Column 1) CLAIMS		(Column HIGHES		(Column 3)					•	
		REMAINING AFTER AMENDMENT		PREVIOU PAID FO	R SLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI-
	Total	•	Minus			•	1	X\$ 9=	FEE		X\$18=	FEE
	independent	•	Minus	100			1			OR		
1	FIRST PRESE	NTATION OF MI	ATIPLE DE	ENDENT C	LAIM		. L	X43=		OR	X86=	

If the entry in column 1 is less than the entry in column 2, write "O" in column 3.

 If the entry in column 1 is less than the entry in column 2, write "O" in column 3.

 If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

ADDIT. FEE

OR ADDIT.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

FORM PTO-678 (Rev. 10/03)

Parent and Trademint Office, V.S. DEPARTMENT OF COMMERCE

+145=

+290=

OR ADDIT. FEE

08/16/2005 TCOLE1 00000001 020383 10789712

Sale Ref: 00000001 DA#: 020383 10789712

01 FC:1201 200.00 DA 02 FC:1202 450.00 DA 03 FC:1203 360.00 DA